

Supplementary Figure 1. Empirical P-values of the  $F_{ST}$  and XP-EHH analyses for all non-Asian populations using YRI as background within a +-15kb region around rs368234815.

•/• denotes  $F_{ST}$  and XP-EHH for rs368234815 respectively; •/• denotes  $F_{ST}$  and XP-EHH for all other variants in the region. All XP-EHH values are connected by a fitting curve (yellow line). The 1% tail of the genomic empirical distribution is indicated by the horizontal, dashed line.